



2007 "VOLUNTEERS WORKING WITH INVASIVES" GRANTS REPORT FORM

Display Report

PROJECT BACKGROUND INFORMATION

Project Title:	Turnbull NWR EDRR Team	
Region: Use region number ONLY	1	
Station:	Turnbull National Wildlife Refuge	
Contact Person: Name and Phone Number	Michael Rule 509-235-4723	
Project Description: (Up to 250 words)	Biocontrol agents and chemicals to facilitate the rapid response phase of the project will be purchased and applied and a Washington Service Corps AmeriCorps member supported through FOTNWR will be hired. The AmeriCorps member will start in September 2007 and will assist with coordinating the Refuge EDRRP through 2008. The AmeriCorps member with the assistance of the Refuge Volunteer Coordinator and Friends of Turnbull NWR will recruit and train volunteers in the use of GPS equipment, survey software and EDRRP protocols.	
List of Invasives Species Targeted:	Common Name	Scientific Name
	Leafy spurge	<i>Euphorbia esula</i>
	Spotted knapweed	<i>Centaurea biebersteinii</i>
	Diffuse knapweed	<i>Centaurea diffusa</i>
	Russian knapweed	<i>Acroptilon repens</i>
	Dalmatian toadflax	<i>Linaria dalmatica</i>
	Canada thistle	<i>Cirsium arvense</i>
	St. John's Wort	<i>Hypericum perforatum</i>
	Reed canarygrass	<i>Phalaris arundinacea</i>
	Rush skeleton weed	<i>Chondrilla juncea</i>
Project Status:	InProgress	
Project Completion Date or Estimated Completion Date: (mm/dd/yyyy)	07/31/2008	

VOLUNTEER INFORMATION

Volunteer Affiliation: (Check all that apply)	VA_FriendsGrp VA_SchoolGrp VA_AmeriCorps VA_Other
Volunteer Involvement: Describe the type of work the volunteers performed. (Up to 150 words)	Volunteers have assisted with a GPS- based survey of over 500 acres of the refuge, Volunteers have also assisted with spraying herbicides and hand pulling and grubbing weeds.
Total Number of Volunteers:	3
Total Number of Volunteer Hours:	400
Partnerships: List both new and existing partnerships utilized in this project. (Up to 150 words).	Friends of Turnbull National Wildlife Refuge, Washington State Advanced Hunter Education, Washington State Service Corps, Spokane Community College Natural Resources Club

PROJECT RESULTS

Project Results: Give an overview of the results of the project. Include quantifiable measure of success, such as maps produced, efficacy of control measures, number of sites where invasions were detected early and responded to, number of community contacts, etc. (Up to 250 words).	500 acres of the refuge have been surveyed, 190 acres of infested refuge lands have been sprayed and over 400 Metzeneria paucipunctella were released in a large 5 acre infestation of spotted knapweed. Nearly 5 acres of roadsides and public use sites were treated by hand pulling and grubbing. All treatment areas were mapped with GPS.
Number of Acres Treated:	200
Number of Acres Inventoried and/or Mapped:	500
Number of Acres Restored:	0

BUDGET INFORMATION

Budget: Account for funds in broad categories such as equipment, volunteer stipends, travel, coordinator salary/contract, etc.

Total Grant Amount:	\$ \$10,000
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Breakdown of Expenditures:

Category	Total \$ Spent	% of Total Grant
Equipment / Supplies	\$1,500.00	15%
Chemical	\$3,000.00	30%
Biocontrol Agents		
Travel		
Volunteer Stipends	\$4,500.00	55%
Volunteer Coordinator Salary/Contract		
Restoration Materials		
Other		
TOTAL	\$10,000.00	

Recommendations: (OPTIONAL) How useful was this program for meeting refuge invasive species objectives and how can it be improved?	It would be difficult to make the progress controlling invasive plant species that we have made without this program.
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